

Brilliant Violet 421™ Mouse IgG2a, κ Isotype Ctrl Antibody

Catalog# / Size	400259 / 25 tests 400260 / 100 tests
Clone	MOPC-173
Regulatory Status	RUO
Isotype	Mouse IgG2a, κ
Description	The MOPC-173 immunoglobulin has unknown specificity. The isotype of this antibody is mouse IgG2a, κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat, and human tissues.

Product Details

Antibody Type	Monoclonal
Host Species	Mouse
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA).
Preparation	The immunoglobulin was purified by affinity chromatography and conjugated with Brilliant Violet 421™ under optimal conditions.
Concentration	Lot-specific (to obtain lot-specific concentration, please enter the lot number in our Concentration and Expiration Lookup or Certificate of Analysis online tools.)
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested ICFC - Verified
Recommended Usage	Each lot of this mouse IgG2a, κ isotype control antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, use the isotype control at the same concentration as your primary antibody. Use our Concentration Lookup tool to find the exact concentrations of your lots of product.

Brilliant Violet 421™ excites at 405 nm and emits at 421 nm. The standard bandpass filter 450/50 nm is recommended for detection. Brilliant Violet 421™ is a trademark of Sirigen Group Ltd.

[Learn more about Brilliant Violet™.](#)

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Excitation Laser	Violet Laser (405 nm)
Application Notes	Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Functional Assay (FA).

Product Citations

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6. Grayson KA, *et al.* 2021. PLoS One. 16:e0246733. [PubMed](#)
7. Zhu H, *et al.* 2021. Cell Metabolism. .: [PubMed](#)
8. Cui D, *et al.* 2021. Front Cell Dev Biol. 9:656867. [PubMed](#)
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10. Cao Y, *et al.* 2019. Nat Commun. 10:1280. [PubMed](#)
11. Riegel K, *et al.* 2021. Cell Death Dis. 12:969. [PubMed](#)
12. Tomita T, *et al.* 2021. Nat Commun. 12:3655. [PubMed](#)
13. Moudgil A, *et al.* 2020. Cell. 182(4):992-1008.e21. [PubMed](#)
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RRID

AB_10895919 (BioLegend Cat. No. 400259)

Antigen Details

Gene ID

NA

Other Formats

APC Mouse IgG2a, κ Isotype Ctrl, Biotin Mouse IgG2a, κ Isotype Ctrl, FITC Mouse IgG2a, κ Isotype Ctrl, PE Mouse IgG2a, κ Isotype Ctrl, PE/Cyanine5 Mouse IgG2a, κ Isotype Ctrl, Purified Mouse IgG2a, κ Isotype Ctrl, APC/Cyanine7 Mouse IgG2a, κ Isotype Ctrl, PE/Cyanine7 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2a, κ Isotype Ctrl, Pacific Blue™ Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2a, κ Isotype Ctrl (ICFC), Alexa Fluor® 647 Mouse IgG2a, κ Isotype Ctrl (ICFC), FITC Mouse IgG2a, κ Isotype Ctrl (ICFC), PE Mouse IgG2a, κ Isotype Ctrl (ICFC), APC Mouse IgG2a, κ Isotype Ctrl (ICFC), FITC Mouse IgG2a, κ Isotype Ctrl (FC), PE Mouse IgG2a, κ Isotype Ctrl (FC), APC Mouse IgG2a, κ Isotype Ctrl (FC), Brilliant Violet 605™ Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 700 Mouse IgG2a, κ Isotype Ctrl, PerCP Mouse IgG2a, κ Isotype Ctrl, PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 421™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 570™ Mouse IgG2a, κ Isotype Ctrl, Ultra-LEAF™ Purified Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 510™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 650™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 711™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 785™ Mouse IgG2a, κ Isotype Ctrl, PE/Dazzle™ 594 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 594 Mouse IgG2a, κ Isotype Ctrl, FITC Mouse IgG2a, κ Isotype Ctrl, APC/Fire™ 750 Mouse IgG2a, κ Isotype Ctrl, TotalSeq™-A0091 Mouse IgG2a, κ isotype Ctrl, Go-ChIP-Grade™ Purified Mouse IgG2a, κ isotype Ctrl, TotalSeq™-B0091 Mouse IgG2a, κ isotype Ctrl, TotalSeq™-C0091 Mouse IgG2a, κ isotype Ctrl, KIRAVIA Blue 520™ Mouse IgG2a, κ Isotype Ctrl, Spark Blue™ 550 Mouse IgG2a, κ Isotype Ctrl, Spark NIR™ 685 Mouse IgG2a, κ Isotype Ctrl, Spark Violet™ 538 Mouse IgG2a, κ Isotype Ctrl, Spark YG™ 581 Mouse IgG2a, κ Isotype Ctrl, TotalSeq™-D0091 Mouse IgG2a, κ Isotype Ctrl, Spark YG™ 593 Mouse IgG2a, κ Isotype Ctrl, GMP PE Mouse IgG2a, κ Isotype Ctrl, GMP FITC Mouse IgG2a, κ Isotype Ctrl, GMP APC Mouse IgG2a, κ Isotype Ctrl, GMP PE/Dazzle™ 594 Mouse IgG2a, κ Isotype Ctrl

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